



**U.S. Army Corps  
of Engineers**  
Honolulu District

# Public Notice

Public Notice No.

**200200459**

Reply to:

District Engineer

U.S. Army Corps of Engineers

Building 230

Fort Shafter, Hawaii 96858-5440 Fax: (808)438-4060

Date:

October 3, 2002

Respond by:

**November 3, 2002**

## **APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT**

**200200459**

### **RECONSTRUCTION OF ROCK REVETMENT AS PART OF ROUTE 1 CORRIDOR RECONSTRUCTION PROJECT, PHASE IV FAGA'ALU TO VASA'AGIA, TUTUILA, AMERICAN SAMOA**

1. **APPLICANT:** Department of Public Works  
American Samoa Government  
Pago Pago, American Samoa 96799
2. **AGENT:** Mr. Andrew Johnson  
Fulton Hogan Limited (American Samoa)  
P.O. Box 4997  
Pago Pago, American Samoa 96799
3. **APPLICABLE STATUTORY AUTHORITIES:** Section 10 of the Rivers and Harbors Act (33 U.S.C. 403), and Section 404 of the Clean Water Act (33 U.S.C. 1344).
4. **LOCATION OF THE PROPOSED ACTIVITY:** Phase IV of the Route 1 reconstruction project includes portions of the roadway corridor from Faga'alu village to Vasa'agia village, Tutuila, American Samoa (Sheet 1). The revetment construction for which Department of the Army (DA) authorization is requested will occur along a portion of the roadway corridor which abuts, or is otherwise adjacent to, the shoreline.
5. **PROJECT PURPOSE, NEED AND DESCRIPTION:**

The purpose of the proposed project (Federal Highways Administration Project No. AS-NH-0001(051)) is to reconstruct the Route 1 corridor from Matu'u village to Hospital Road. A segment of this upland work proposes to place rock revetments along approximately 1440 lineal feet of the shoreline at 2 locations. These locations are specifically noted as 1340 lineal feet between Station 23+60 to Station 37+00 (Sheets 4-8) and 100 lineal feet at Faga'alu Park. Associated work also includes the replacement of 1 box culvert each at Matu'u and Faga'alu Streams which channel surface water flows to the ocean (Sheets 2-3). The need for the proposed project is to protect the existing roadway embankment from future erosion and structural degradation (Sheet 10).

The proposed project is phased and will employ standard construction methods of demolition, excavation/removal and reconstruction. A total of about 1,200 cubic yards of sand, rubble and hard coral substrate will be excavated from about 750 square yards of nearshore area for the entire project. A total of about 11,000 cubic yards of clean granular fill and armor rock will be discharged into about 3,000 square yards of nearshore area for the revetments and box culverts.

Construction is expected to last 12 months.

## **6. IMPACTS OF PROPOSED ACTIVITIES IF AUTHORIZED:**

The water quality of the surrounding waters open to the public is expected to be degraded during project construction. Water quality monitoring during construction and operation of the proposed project will be conducted.

Sessile or slow-moving biota inhabiting coral sand, or living along slopes and bottoms adjacent to the shoreline may be destroyed or displaced by construction activities. About 750 square yards of coral reef substrate and sand in shallow water (OHW to -1.5 meters) of water will be affected by trenching. About 3,000 square yards of shallow water will be affected by rock revetment and culverts. Mitigation for coral habitat loss has not been recommended by any agency. A Best Management Practices Plan (BMPP) will be required to minimize turbidity and the proper handling and disposal of excavated material. In addition, the BMPP will also contain measures to avoid, minimize or mitigate potential pollution events from equipment maintenance, leaks, and spills. Noise-producing activities during construction (i.e. excavation, equipment operation) will be minimized by distance from residential areas and daylight hours of operation.

There is no issue identified which may compromise the integrity of any flight-line airspace of the American Samoa International Airport and no construction activities have been identified which will be subject to Federal Aviation Administration requirements.

Ocean-related activities in the project vicinity include community and personal consumptive/gathering in nearshore waters and various recreational uses. Small numbers of users will be required to relocate their activities away from construction areas. This displacement will be temporary.

## **7. IMPACT ON HISTORIC PROPERTIES:**

The American Samoa Historic Preservation Officer has reviewed the applicant's proposed activity and in a letter dated July 30, 2002 concurred in a determination of "no historic properties are adversely affected". A standard condition of the DA permit will address inadvertent discoveries of historic properties.

This notice has been sent to the American Samoa Historic Preservation Officer and the federal Secretary of the Interior. Any additional comments they have regarding historic properties and traditional cultural resources will be considered before a final decision is made on the DA permit.

**8. IMPACT ON ENDANGERED SPECIES:**

Green sea turtles, a federally listed threatened species, are not known to occur in the project area. The applicant has not reported any informal section 7 consultation with the US Fish and Wildlife Service (USFWS) and US National Marine Fisheries Service (NMFS) and formal Section 7 consultation with the NMFS. The marine environment around the areas of proposed disturbance consists primarily of sand, rubble, and exposed hard coral substrate which supports minimal growth of algal species preferred by turtles. Two areas of mixed sand, rubble and coral reef substrate in the nearshore will be removed to accommodate the placement of a shoreline rock revetment. No significant adverse impacts to federally listed species and live coral are expected from the proposed project. No in-water detonation of discovered unexploded ordnance or the use of explosives for excavating the toe of the shoreline rock revetment will be allowed. This prohibition will be addressed in general and special conditions of the DA permit.

This notice has been sent to the USFWS and NMFS. Any additional comments they have on endangered or threatened species, essential fish habitat, and special aquatic sites (i.e. coral reefs) will be considered before a final decision is made on the permit.

**9. OTHER GOVERNMENT AUTHORIZATIONS/CERTIFICATIONS:**

Prior to the issuance of the Department of Army permit, the applicant obtained an individual Section 401 Water Quality Certification from the American Samoa Environmental Protection Agency (June 10, 2002) and a Coastal Zone Management (CZM) Program consistency certification from the Department of Commerce, American Samoa Government (June 10, 2002). The requirements for a CZM consistency statement and accompanying information are available for public review at the Department of Commerce, American Samoa Government, Pago Pago 96799.

An American Samoa Government land use permit with conditions (#02-0537-L) was issued to the applicant on June 17, 2002. No other American Samoa Government and local approvals are reported to be required by the applicant.

**10. EVALUATION FACTORS:**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof. Among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

**11. COMMENTS AND INQUIRIES:**

Interested parties may submit in writing any comments that they have on issuance of a permit for the proposed activities. Comments should be sent to the address on the letterhead no later than 30 days from the date of this notice and should refer to permit 200200459. Any comments received will be considered by the Corps in the decision to issue, modify, condition, or deny a permit for the proposed activity. Further information may be obtained from Farley K. Watanabe, Project Manager, Regulatory Branch, Honolulu Engineer District, Building 230, Fort Shafter, Hawaii, 96858, telephone (808) 438-7701, or facsimile (808) 438-4060. Additional copies of this Public Notice are also available from our website at <http://www.pod.usace.army.mil/news/newsrel.html>

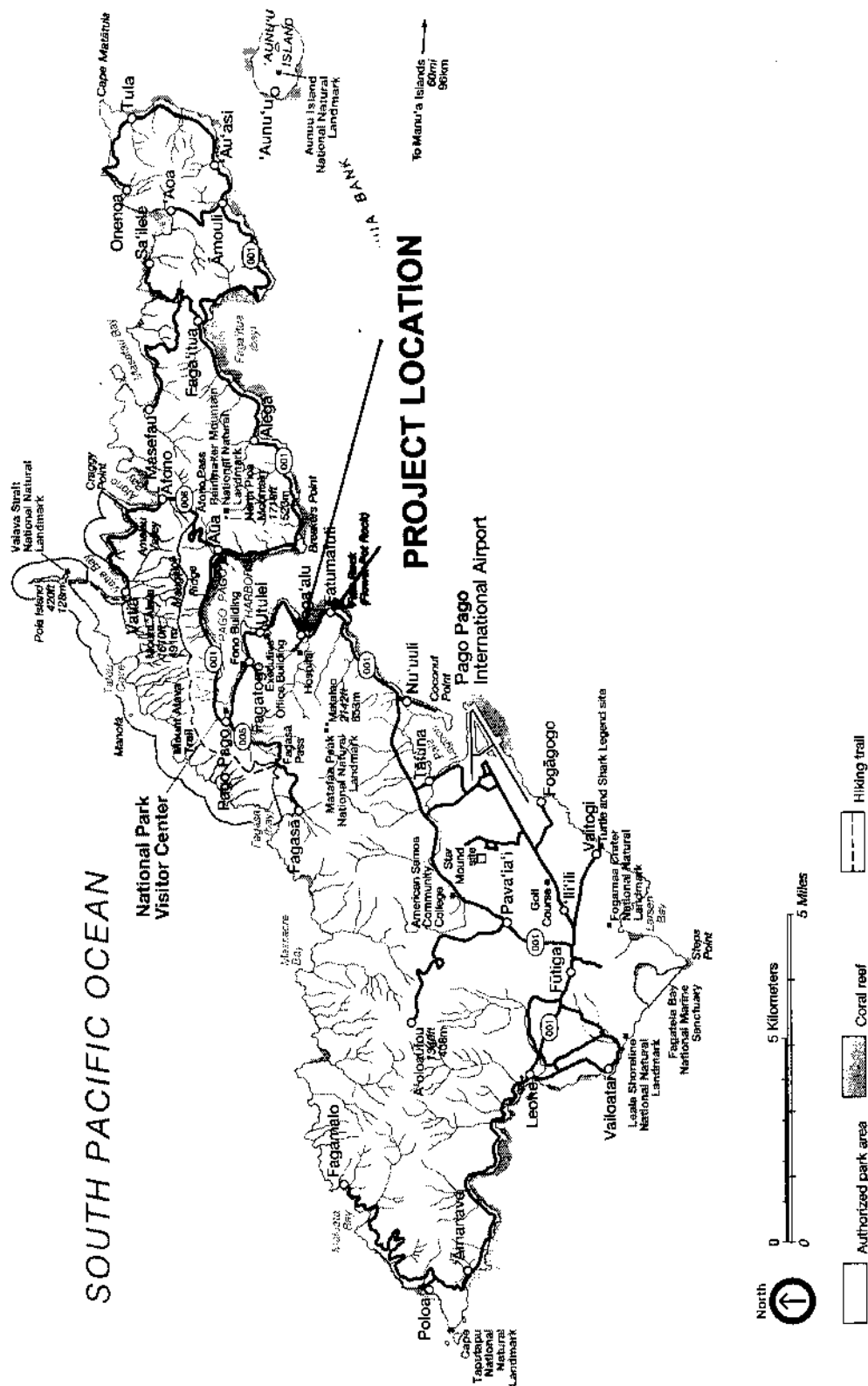
**12. REQUEST FOR PUBLIC HEARING:**

Any person may request, in writing, within 30 days from the date of this notice that a public hearing be held to consider issuance of a permit for the proposed project. Requests for public hearing must specifically state the reasons for holding a public hearing.

**(Attachments)**

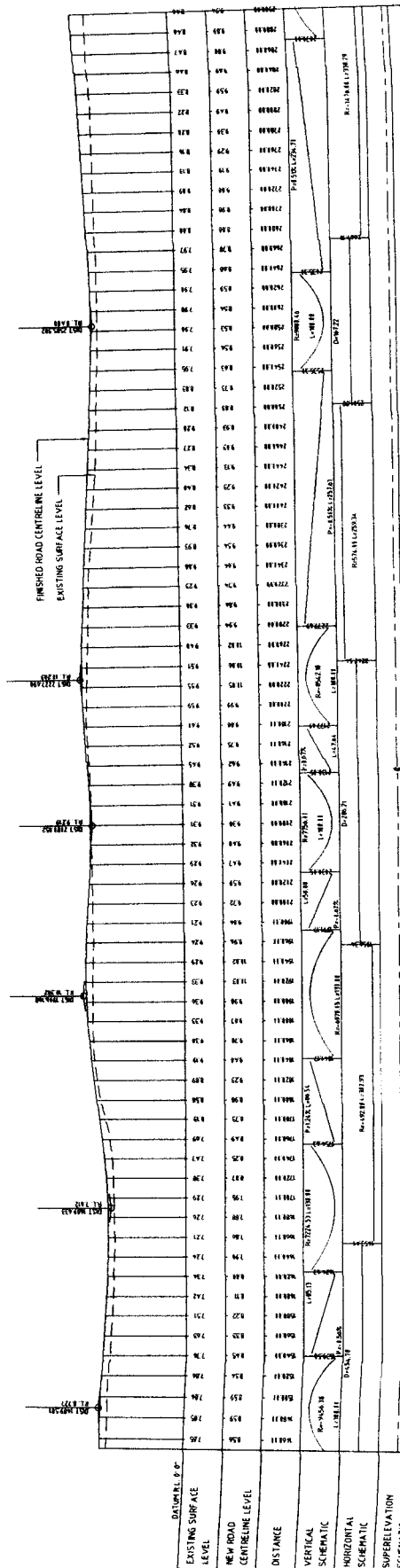
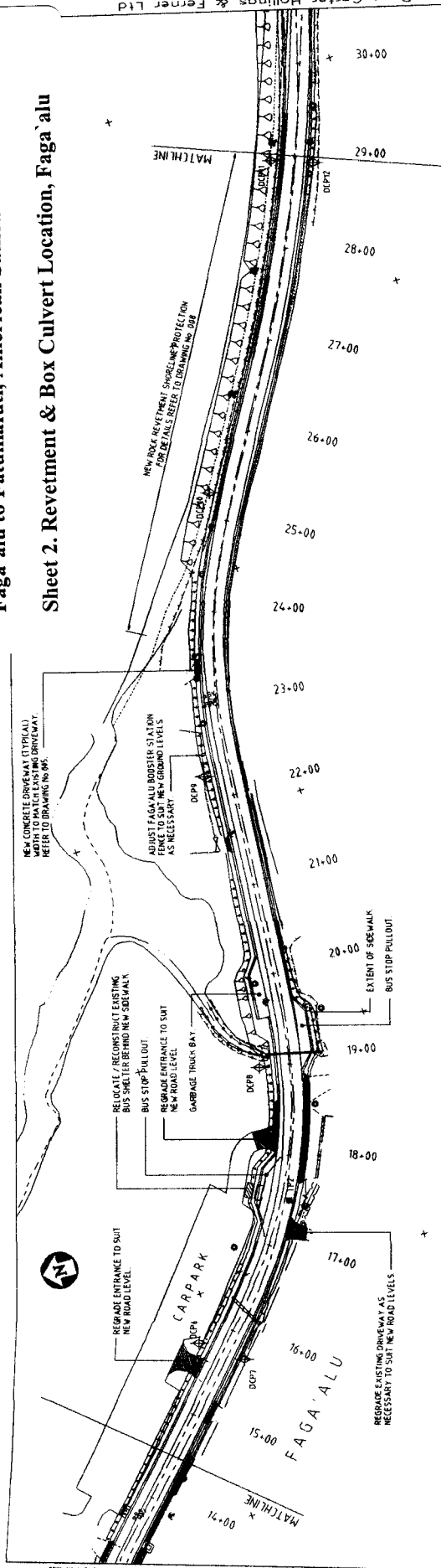
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- Sheet 1. General Location Map
- Sheet 2. Revetment and Box Culvert Location, Faga`alu
- Sheet 3. Revetment and Box Culvert Location, Fatumafuti
- Sheet 4. Detail Revetment Cross-Section, Station 22+00 to 27+00
- Sheet 5. Detail Revetment Cross-Section, Station 28+00 to 30+00
- Sheet 6. Detail Revetment Cross-Section, Station 31+00 to 33+00
- Sheet 7. Detail Revetment Cross-Section, Station 34+00 to 36+00
- Sheet 8. Detail Revetment Cross-Section, Station 37+00 to 42+00
- Sheet 9. Detail Box Culvert Construction Methodology and Sediment Control Measures
- Sheet 10. Photos, Faga`alu and Fatumafuti Work Areas



File No. 2002000459 Route 1, Phase IV Shoreline  
Protection Fill Project  
Faga'alu to Fatumafuti, American Samoa

Sheet 2. Revetment & Box Culvert Location, Faga'alu



LONGITUDINAL SECTION ON ROAD CENTRELINE

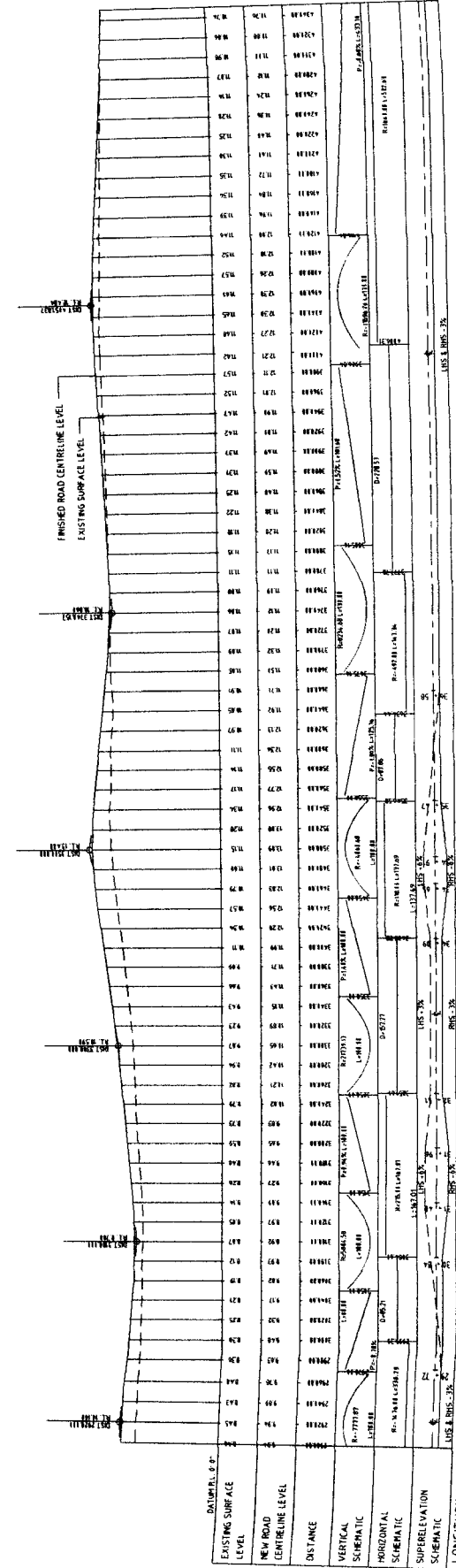
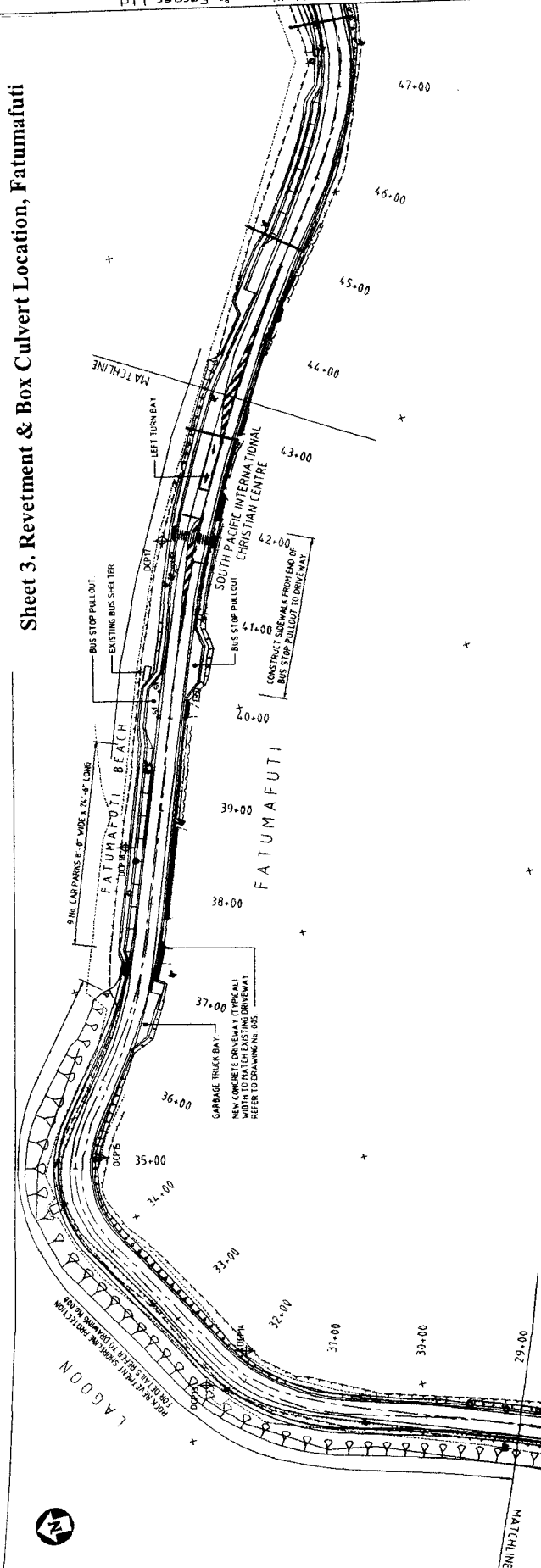
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CLIENT: AMERICAN SAMOA GOVERNMENT DEPARTMENT OF PUBLIC WORKS CIVIL HIGHWAY DIVISION		CIVIL
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File No. 2002000459 Route 1, Phase IV Shoreline  
Protection Fill Project  
Faga'alu to Fatumafuti, American Samoa

Sheet 3. Revetment & Box Culvert Location, Fatumafuti



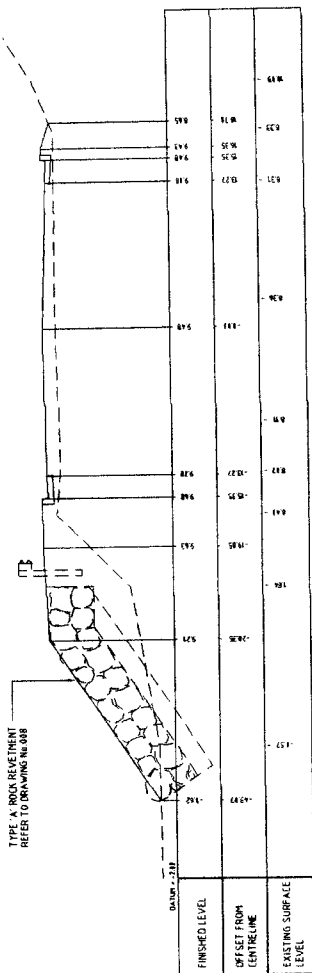
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DETAILED PLAN AND LONGITUDINAL SECTION SHEET 3 OF 6	
AMERICAN SAMOA GOVERNMENT DEPARTMENT OF PUBLIC WORKS CIVIL HIGHWAY DIVISION	
ROUTE 1 - ROAD AND DRAINAGE RECONSTRUCTION - PHASE IV FAGA'ALU TO VASA'IGA	
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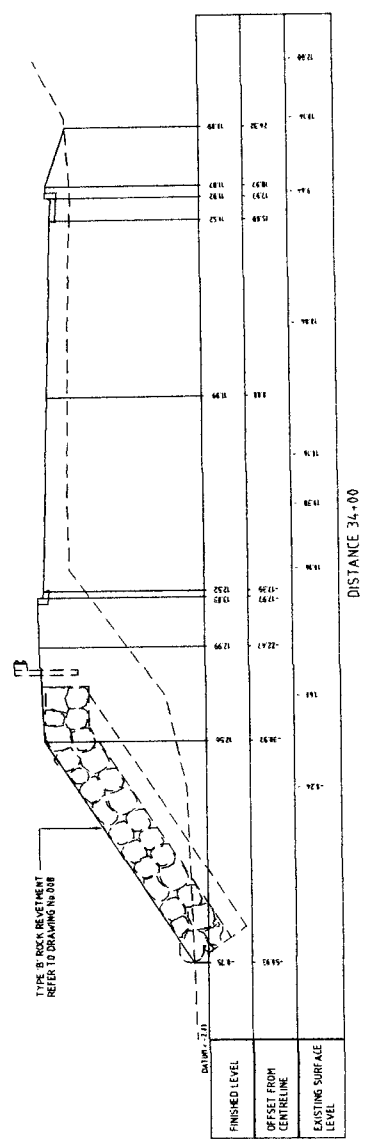


File No. 200200459 Route 1, Phase IV Shoreline  
Protection Fill Project  
Fatumafuti, American Samoa

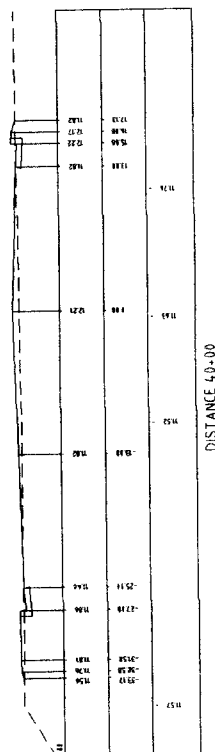
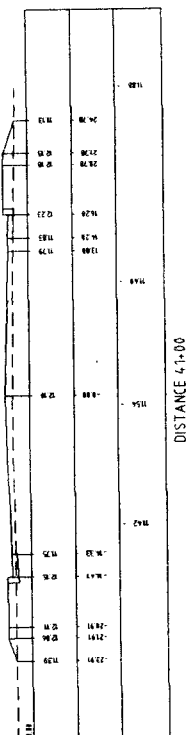
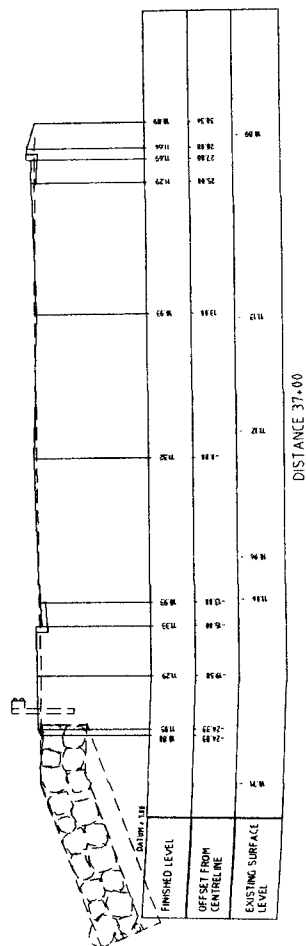
Sheet 5. Detail Revetment X-Section, Stn 28+00 to 30+00

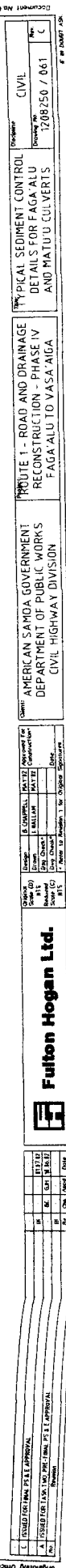






**Sheet 8. Detail Revetment X-Section, Stn 37+00 to 42+00**

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Route 1 Corridor Road and Drainage Reconstruction Phase IV -

Village of Matu'u to Hospital Road Intersection

*Start of Proposed Shoreline Protection Works - Existing Shoreline Protection looking from Faga'alu end*



*End of Proposed Shoreline Protection Works - Existing Shoreline Protection looking from Fatumafuti end*

